

Contents

No. 1-2 1-328 issued August 1991
No. 3 329-490 issued September 1991

- Aalen RB → Klemsdal SS 9
Alonso JC, Stiege AC: Molecular analysis of the *Bacillus subtilis* *recF* function 393
Angelis K → Miyazaki J 329
Angermüller S → Landau-Ellis D 221
Apirion D → Chauhan AK 49
Arimura H → Tatsumi H 97
Arndt E → Scholzen T 70
Auchincloss AH → Brown GG 345
Averbeck D → Cundari E 335
Aviv D → Perl A 193
- Baev N, Endre G, Petrovics G, Banfalvi Z, Kondorosi A: Six nodulation genes of *nod* box locus 4 in *Rhizobium meliloti* are involved in nodulation signal production: *nodM* codes for D-glucosamine synthetase 113
Bamford DH → Lyra C 65
Banfalvi Z → Baev N 113
Barbet N → Broughton BC 470
Bauer CE, Buggy JJ, Yang Z, Marrs BL: The superoperon organization of genes for pigment biosynthesis and reaction center proteins is a conserved feature in *Rhodospirillum rubrum*: analysis of overlapping *bchB* and *bchA* transcripts 433
Bautz EKF → Seifarth W 424
Bégueret J → Turc B 265
Behrens M, Michaelis G, Pratje E: Mitochondrial inner membrane protease 1 of *Saccharomyces cerevisiae* shows sequence similarity to the *Escherichia coli* leader peptidase 167
Berg DE → Lodge JK 312
Biezen EA van der → Rommens CMT 453
Bisseling T → Govers F 160
Blonstein AD, Stirnberg P, King PJ: Mutants of *Nicotiana glauca* *plumabiginifolia* with specific resistance to auxin 361
Bockrath R → Li BH 249
Bownes M, Linder K, Mauchline D: Egg production and fertility in *Drosophila* depend upon the number of yolk-protein gene copies 324
Bownes M → Lidell S 81
Brčić-Kostić K, Salajšćić E, Maršić N, Kajić S, Stojiljković I, Trgovčević Z: Interaction of RecBCD enzyme with DNA damaged by gamma radiation 136
Broughton BC, Barbet N, Murray J, Watts FZ, Koken MHM, Lehmann AR, Carr AM: Assignment of ten DNA repair genes from *Schizosaccharomyces pombe* to chromosomal *NotI* restriction fragments 470
Brown GG, Auchincloss AH, Covello PS, Gray MW, Menassa R, Singh M: Characterization of transcription initiation sites on the soybean mitochondrial genome allows identification of a transcription-associated sequence motif 345
Buggy JJ → Bauer CE 433
- Caballero JL, Malpartida F, Hopwood DA: Transcriptional organization and regulation of an antibiotic export complex in the producing *Streptomyces* culture 372
Caboche M → Pouteau S 233
Carr AM → Broughton BC 470
Caten CE → Cooley RN 17
Chakraborty T → Wuenschler MD 177
Charles I → Garbe T 385
Chauhan AK, Apirion D: The *rne* gene is the structural gene for the processing endoribonuclease RNase E of *Escherichia coli* 49
Chelm BK → Scott-Craig JS 356
Christopher DA → Stevenson JK 183
Connerton IF → Sandeman RA 445
Cooley RN, Caten CE: Variation in electrophoretic karyotype between strains of *Septoria nodorum* 17
Copertino DW → Stevenson JK 183
Covello PS → Brown GG 345
Crétin C → Luchetta P 473
Cundari E, Dardalhon M, Rousset S, Averbeck D: Repair of 8-methoxypsoralen photoinduced cross-links in yeast. Analysis by alkaline step-elution and electron microscopy 335
Cunningham C, McPherson CA, Martin J, Harris WJ, Flint HJ: Sequence of a cellulase gene from the rumen anaerobe *Ruminococcus flavefaciens* 17 320
- Dardalhon M → Cundari E 335
Datta P → Schweizer HP 125
Deleu C → Turc B 265
Denayrolles M → Turc B 265
Dianov GL, Kuzminov AV, Mazin AV, Salganik RI: Molecular mechanisms of deletion formation in *Escherichia coli* plasmids. I. Deletion formation mediated by long direct repeats 153
Dianov GL → Mazin AV 209
Dimitriadis G → Garbe T 385
Dodd H → Horn N 129
Dougan G → Garbe T 385
Drager RG → Stevenson JK 183
- Endre G → Baev N 113
Erratum 328
- Feder JN → Gallie DR 258
Feenstra WJ → Leij FR van der 240
Ferrero I → Goffrini P 401
Fincham JRS → Sandeman RA 445
Flint HJ → Cunningham C 320
Freudl R → Overhoff B 417
Fridovich I → Imlay JA 410
Frisch DA, Tommey AM, Gengenbach BG, Somers DA: Direct genetic selection of a maize cDNA for dihydrodipicolinate synthase in an *Escherichia coli* *dapA*⁻ auxotroph 287
Fujimoto H → Kyozuka J 40
- Gadal P → Luchetta P 473
Gaisne M → Verdière J 300
Gallie DR, Feder JN, Schimke RT, Walbot V: Post-transcriptional regulation in higher eukaryotes: The role of the reporter gene in controlling expression 258
Galun E → Perl A 193
Garbe T, Servos S, Hawkins A, Dimitriadis G, Young D, Dougan G, Charles I: The *Mycobacterium tuberculosis* shikimate pathway genes: Evolutionary relationship between biosynthetic and catabolic 3-dehydroquinases 385
Gasson M → Horn N 129
Gengenbach BG → Frisch DA 287
Goebel W → Wuenschler MD 177
Goffrini P, Wésolowski-Louvel M, Ferrero I: A phosphoglucose isomerase gene is involved in the Rag phenotype of the yeast *Kluyveromyces fragilis* 401
Govers F, Harmsen H, Heidstra R, Michielsen P, Prins M, Kammen A van, Bisseling T: Characterization of the pea ENOD12B gene and expression analyses of the two ENOD12 genes in nodule, stem and flower tissue 160
Grandbastien M-A → Pouteau S 233
Gray MW → Brown GG 345
Gresshoff PM → Landau-Ellis D 221
Guerinot ML → Scott-Craig JS 356
- Haack H, Hodgkin J: Test for parental imprinting in the nematode *Caenorhabditis elegans* 482
Hallick RB → Stevenson JK 183
Harmsen H → Govers F 160
Harris WJ → Cunningham C 320
Hawkins A → Garbe T 385
Heidstra R → Govers F 160
Hille J → Rommens CMT 453
Hobman JL → Peters SE 294
Hodgkin J → Haack H 482
Hopwood DA → Caballero JL 372
Horn N, Swindell S, Dodd H, Gasson M: Nisin biosynthesis genes are encoded by a novel conjugative transposon 129
Houck CM → Martineau B 281
Huet J → Seifarth W 424
Hughes W → Klemsdal SS 9
Hynes MJ → Sandeman RA 445
- Imlay JA, Fridovich I: Isolation and genetic analysis of a mutation that suppresses the auxotrophies of superoxide dismutase-deficient *Escherichia coli* K12 410
Inoue H → Ichii C 33
Ishida Y → Tatsumi H 97
Ishii C, Nakamura K, Inoue H: A novel phenotype of an excision-repair mutant in *Neurospora crassa*: Mutagen sensitivity of the *mus-18* mutant is specific to UV 33
Ito K → Okamoto S 24

Izawa T → Kyoizuka J 40

Jacobsen E → Leij FR van der 240

Jenkins KP → Stevenson JK 183

Juricek M → Miyazaki J 329

Kajić S → Brčić-Kostić K 136

Kammen A van → Govers F 160

Kawabe H → Tatsumi H 97

King PJ → Blonstein AD 361

Klein M → Overhoff B 417

Kleinhofs A → Miyazaki J 329

Klemsdal SS, Hughes W, Lönneborg A,

Aalen RB, Olsen OA: Primary structure of a novel barley gene differentially expressed in immature aleurone layers 9

Köhler S → Wuenschel MD 177

Koken MHM → Broughton BC 470

Kondorosi A → Baev N 113

Kontermann R → Seifarth W 424

Kuzminov AV → Dianov GL 153

Kuzminov AV → Mazin AV 209

Kwasniewski M → Li BH 249

Kyoizuka J, Fujimoto H, Izawa T, Shimamoto K: Anaerobic induction and tissue-specific expression of maize *Adh1* promoter in transgenic rice plants and their progeny 40

Labbe-Bois R → Verdière J 300

Landau-Ellis D, Angermüller S, Shoemaker R, Gresshoff PM: The genetic locus controlling supernodulation in soybean (*Glycine max* L.) co-segregates tightly with a cloned molecular marker 221

Lehmann AR → Broughton BC 470

Leij FR van der, Visser RGF, Ponstein AS, Jacobsen E, Feenstra WJ: Sequence of the structural gene for granule-bound starch synthase of potato (*Solanum tuberosum* L.) and evidence for a single point deletion in the *amf* allele 240

Li BH, Kwasniewski M, Bockrath R: Inactivation of *lacZ* gene expression by UV light and bound DNA photolyase implies formation of extended complexes in the genomes of specific *Escherichia coli* strains 249

Lidell S, Bownes M: Characterization, molecular cloning and sequencing of *YP3st*, a fertile yolk protein 3 mutant in *Drosophila* 81

Lin L-L, Thomson JA: Cloning, sequencing and expression of a gene encoding a 73 kDa xylanase enzyme from the rumen anaerobe *Butyrivibrio fibrisolvens* H17c 55

Lineruth K → Bownes M 324

Link G → Nickelsen J 89

Lobo JMG → Seoane A 215

Lodge JK, Weston-Hafer K, Berg DE: Tn5 insertion specificity is not influenced by ISS50 end sequences in target DNA 312

Lönneborg A → Klemsdal SS 9

Luchetta P, Crétin C, Gadal P: Organization and expression of the two homologous genes encoding the NADP-malate dehydrogenase in *Sorghum vulgare* leaves 473

Lyra C, Savilahti H, Bamford DH: High-frequency transfer of linear DNA con-

taining 5'-covalently linked terminal proteins: electroporation of bacteriophage PRD1 genome into *Escherichia coli* 65

Machida Y → Okamoto S 24

Maliga P → Svab Z 316

Malpartida F → Caballero JL 372

Mansouri K, Piepersberg W: Genetics of streptomycin production in *Streptomyces griseus*: nucleotide sequence of five genes, *strFGHIK*, including a phosphatase gene 459

Marrs BL → Bauer CE 433

Maršić N → Brčić-Kostić K 136

Martin J → Cunningham C 320

Martineau B, McBride KE, Houck CM: Regulation of metallothionein gene expression in tomato 281

Masaki A → Tatsumi H 97

Matsuno R → Nagano Y 62

Matsuoka M, Numazawa T: *Cis*-acting elements in the pyruvate, orthophosphate dikinase gene from maize 143

Mauchline D → Bownes M 324

Mazin AV, Kuzminov AV, Dianov GL, Salganik RI: Mechanisms of deletion formation in *Escherichia coli* plasmids. II. Deletions mediated by short direct repeats 209

Mazin AV → Dianov GL 153

McBride KE → Martineau B 281

McPherson CA → Cunningham C 320

Menassa R → Brown GG 345

Meyer C → Pouteau S 233

Michaëlis G → Behrens M 167

Michiels J, Vande Broek A, Vanderleyden J: Molecular cloning and nucleotide sequence of the *Rhizobium phaseoli* *recA* gene 486

Michielsen P → Govers F 160

Milic M → Rakonjac J 307

Mittelsten Scheid O, Paszkowski J, Potrykus I: Reversible inactivation of a transgene in *Arabidopsis thaliana* 104

Miyazaki J, Juricek M, Angelis K, Schnorr KM, Kleinhofs A, Warner RL: Characterization and sequence of a novel nitrate reductase from barley 329

Motai H → Tatsumi H 97

Murakami K → Tatsumi H 97

Murakami S → Tatsumi H 97

Murray J → Broughton BC 470

Nacken WKF, Piotrowski R, Saedler H, Sommer H: The transposable element *Tam1* from *Antirrhinum majus* shows structural homology to the maize transposon *En/Spm* and has no sequence specificity of insertion 201

Nagano Y, Matsuno R, Sasaki Y: An essential gene of *Escherichia coli* that has sequence similarity to a chloroplast gene of unknown function 62

Nakamura K → Ichii C 33

Nakano E → Tatsumi H 97

Nickelsen J, Link G: RNA-protein interactions at transcript 3' ends and evidence for *trnK-psbA* cotranscription in mustard chloroplasts 89

Nijkamp HJJ → Rommens CMT 453

Numazawa T → Matsuoka M 143

O'Gara F → O'Sullivan DJ 1

Okamoto S, Toyoda-Yamamoto A, Ito K, Takebe I, Machida Y: Localization and orientation of the VirD4 protein of *Agrobacterium tumefaciens* in the cell membrane 24

Olsen OA → Klemsdal SS 9

O'Sullivan DJ, O'Gara F: Regulation of iron assimilation: nucleotide sequence analysis of an iron-regulated promoter from a fluorescent pseudomonad 1

Ouwkerk PBF → Rommens CMT 453

Overhoff B, Klein M, Spies M, Freidl R: Identification of a gene fragment which codes for the 364 amino-terminal amino acid residues of a SecA homologue from *Bacillus subtilis*: further evidence for the conservation of the protein export apparatus in gram-positive and gram-negative bacteria 417

Paszkowski J → Mittelsten Scheid O 104

Perl A, Aviv D, Galun E: Nuclear-organellar interaction in *Solanum*: Interspecific hybridizations and their correlation with a plastome dendrogram 193

Peters SE, Hobman JL, Strike P, Ritchie DA: Novel mercury resistance determinants carried by *IncJ* plasmids pMERPH and R391 294

Petersen G → Seifarth W 424

Petrovics G → Baev N 113

Piepersberg W → Mansouri K 459

Piotrowski R → Nacken WKF 201

Ponstein AS → Leij FR van der 240

Potrykus I → Mittelsten Scheid O 104

Pouteau S, Spielmann A, Meyer C, Grandbastien M-A, Caboche M: Effects of Tn1 tobacco retrotransposon insertion on target gene transcription 233

Pratje E → Behrens M 167

Prins M → Govers F 160

Rakonjac J, Milic M, Savic DJ: *cysB* and *cysE* mutants of *Escherichia coli* K12 show increased resistance to novobiocin 307

Rhen M → Taira S 381

Riikonen P → Taira S 381

Ritchie DA → Peters SE 294

Riva M → Seifarth W 424

Rommens CMT, Biezen EA van der,

Ouwkerk PBF, Nijkamp HJJ, Hille J: *Ac*-induced disruption of the double *Ds* structure in tomato 453

Rousset S → Cundari E 335

Saarihahti H → Taira S 381

Saedler H → Nacken WKF 201

Salaj-Smic E → Brčić-Kostić K 136

Salganik RI → Dianov GL 153

Salganik RI → Mazin AV 209

Sandeman RA, Hynes MJ, Fincham JRS, Connerton IF: Molecular organisation of the malate synthase genes of *Aspergillus nidulans* and *Neurospora crassa* 445

Sano H, Youssefian S: A novel *ras*-related *rgp1* gene encoding a GTP-binding protein has reduced expression in 5-azacytidine-induced dwarf rice 227

Sasaki Y → Nagano Y 62

- Savic DJ → Rakonjac J 307
 Savilahti H → Lyra C 65
 Schimke RT → Gallie DR 258
 Schnorr KM → Miyazaki J 329
 Scholzen T, Arndt E: Organization and nucleotide sequence of ten ribosomal protein genes from the region equivalent to the spectinomycin operon in the archaeobacterium *Halobacterium marismortui* 70
 Schweizer HP, Datta P: Physical linkage and transcriptional orientation of the *tdc* operon on the *Escherichia coli* chromosome 125
 Scott-Craig JS, Guerinot ML, Chelm BK: Isolation of *Bradyrhizobium japonicum* DNA sequences that are transcribed at high levels in bacteroids 356
 Seifarth W, Petersen G, Kontermann R, Riva M, Huet J, Bautz EKF: Identification of the genes coding for the second-largest subunits of RNA polymerases I and III of *Drosophila melanogaster* 424
 Seoane A, Lobo JMG: Nucleotide sequence of a new class A β -lactamase gene from the chromosome of *Yersinia enterocolitica*: Implications for the evolution of class A β -lactamases 215
 Servos S → Garbe T 385
 Shimamoto K → Kyojuka J 40
 Shoemaker R → Landau-Ellis D 221
 Singh M → Brown GG 345
 Somers DA → Frisch DA 287
 Sommer H → Nacken WKF 201
 Spielmann A → Pouteau S 233
 Spies M → Overhoff B 417
 Stevenson JK, Drager RG, Copertino DW, Christopher DA, Jenkins KP, Yepiz-Plascencia G, Hallick RB: Intercistronic group III introns in polycistronic ribosomal protein operons of chloroplasts 183
 Stiege AC → Alonso JC 393
 Stirnberg P → Blonstein AD 361
 Stojiljković I → Brčić-Kostić K 136
 Strike P → Peters SE 294
 Sukupolvi S → Taira S 381
 Svab Z, Maliga P: Mutation proximal to the tRNA binding region of the *Nicotiana* plastid 16S rRNA confers resistance to spectinomycin 316
 Swindell S → Horn N 129
 Taira S, Riikonen P, Saariolahti H, Sukupolvi S, Rhen M: The *mkaC* virulence gene of the *Salmonella* serovar Typhimurium 96 kb plasmid encodes a transcriptional activator 381
 Takebe I → Okamoto S 24
 Tatsumi H, Murakami S, Tsuji RF, Ishida Y, Murakami K, Masaki A, Kawabe H, Arimura H, Nakano E, Motai H: Cloning and expression in yeast of a cDNA clone encoding *Aspergillus oryzae* neutral protease II, a unique metalloprotease 97
 Thomson JA → Lin L-L 55
 Tommey AM → Frisch DA 287
 Toyoda-Yamamoto A → Okamoto S 24
 Trgovčević Ž → Brčić-Kostić K 136
 Tsuji RF → Tatsumi H 97
 Turc B, Deleu C, Denayrolles M, Bégueret J: Two allelic genes responsible for vegetative incompatibility in the fungus *Podospora anserina* are not essential for cell viability 265
 Vande Broek A → Michiels J 486
 Vanderleyden J → Michiels J 486
 Verdière J, Gaisne M, Labbe-Bois R: *CYP1 (HAP1)* is a determinant effector of alternative expression of heme-dependent transcription in yeast 300
 Visser RGF → Leij FR van der 240
 Walbot V → Gallie DR 258
 Warner RL → Miyazaki J 329
 Watts FZ → Broughton BC 470
 Wésolowski-Louvel M → Goffrini P 401
 Weston-Hafer K → Lodge JK 312
 Wuenscher MD, Köhler S, Goebel W, Chakraborty T: Gene disruption by plasmid integration in *Listeria monocytogenes*: Insertional inactivation of the listeriolysin determinant *lisA* 177
 Yamashita I → Yoshimoto H 270
 Yang Z → Bauer CE 433
 Yepiz-Plascencia G → Stevenson JK 183
 Yoshimoto H, Yamashita I: The *GAM1/SNF2* gene of *Saccharomyces cerevisiae* encodes a highly charged nuclear protein required for transcription of the *STA1* gene 270
 Young D → Garbe T 385
 Youssefian S → Sano H 227

Indexed in *Current Contents*